

**PERMIT ATTACHMENT 2  
HANFORD FACILITY PERMIT  
LEGAL DESCRIPTION & OPERATING BOUNDARY  
CHANGE CONTROL LOG**

Change Control Logs ensure that changes to this unit are performed in a methodical, controlled, coordinated, and transparent manner. Each unit addendum will have its own change control log with a modification history table. The “**Modification Number**” represents Ecology’s method for tracking the different versions of the permit. This log will serve as an up to date record of modifications and version history of the unit.

Modification History Table

Modification Date	Modification Number
12/12/2018	PCN-HFSW-2016-02 (8C.2018.Q4)
09/30/2011	

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**LEGAL DESCRIPTION & OPERATING BOUNDARY**

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## Hanford Facility Permit Legal Description

The following legal description describes the overall facility boundaries of the U.S. Department of Energy-Richland Office (DOE-RL) controlled Hanford Site. Individual Treatment Storage, and Disposal (TSD) units use only a very small portion of the Hanford Site. Additional descriptive information on the individual TSD units is contained in Unit-Specific portions.

The Hanford Site being a tract of land located in Adams, Grant, Benton, and Franklin Counties, WA, the aforesaid tract being more particularly described as follows:

Beginning at the true point for Angle Point No. 1 of Tract 37 of the Bureau of Land Management (BLM) official survey, accepted February 6, 2018, on file in the BLM office in Portland, Oregon, located at the intersection of a 70 foot distance perpendicular offset north from the center line of Horn Rapids Road, as described in the Easement Quitclaim Deed, recorded May 21, 1971, under Auditor's File No. 621762, Records of Benton County, Washington, with a 30 foot distance offset west from the westerly edge of pavement of Stevens Drive (Route 4S), in sec. 15, T. 10 N., R. 28 E., Willamette Meridian (W.M.), Washington (WA.), from which the monument for the Witness Corner for Angle Point No. 1 of Tract 37 bears N. 46° 53' 46" W., a distance of 30.08 feet;

Thence N. 2° 08' 49" E., on the offset line from the westerly edge of pavement of Stevens Drive (Route 4S), being 30.00 feet distance and west therefrom, identical with line 1-23 of Tract 37, a distance of 409.53 feet to the monument for Angle Point No. 23 of Tract 37;

Thence N. 0° 25' 27" E., on said 30.00 foot offset line, identical with line 23-22 of Tract 37, a distance of 3741.27 feet, to the monument for Angle Point No. 22 of Tract 37, identical with Angle Point No. 5 of Tract 38 in sec. 10, T. 10 N., R. 28 E., W.M., WA.;

Thence, leaving said offset line, N. 89° 08' 46" W., on line 22-21 of Tract 37, identical with line 5-4 of Tract 38, a distance of 420.97 feet to the monument for Angle Point No. 21 of Tract 37, identical with Angle Point No. 4 of Tract 38;

Thence N. 44° 52' 17" W., on line 21-20 of Tract 37, identical with line 4-3 of Tract 38, a distance of 2376.75 feet to the monument for the witness point on the Tract lines, from which the Army Corps of Engineers (ACE) Control Point HSM-030 1992 bears S. 71° 24' 48" E. a distance of 922.12 feet;

Thence N. 44° 52' 17" W., continuing on line 21-20 of Tract 37, identical with line 4-3 of Tract 38, a distance of 2376.63 feet to the monument for Angle Point No. 20 of Tract 37, identical with Angle Point No. 3 of Tract 38;

Thence N. 0° 36' 23" E., on line 20-19 of Tract 37, identical with line 3-2 of Tract 38, a distance of 4101.77 feet, to the monument for Angle Point No. 19 of Tract 37, identical with Angle Point No. 2 of Tract 38, in sec. 3, T. 10 N., R. 28 E., W.M., WA.;

Thence S. 89° 11' 27" E., on line 19-18 of Tract 37, identical with line 2-1 of Tract 38, a distance of 3819.34 feet to the monument for Angle Point No. 18 of Tract 37, identical with Angle Point No. 1 of Tract 38 point, at an offset from the westerly edge of pavement of Stevens Drive (Route 4S), being 30.00 feet distance and west therefrom;

Thence N. 0° 03' 45" E., on said 30 foot offset line, identical with line 18-17 of Tract 37, a distance of 2990.04 to the monument for the Witness Point on line 18-17 of Tract 37, in sec. 34, T. 11 N., R. 28 E., W.M., WA., from which U.S. Coast and Geodetic Survey Bench Mark M323 1949 bears N. 1° 09' 17" W. a distance of 634.79 feet;

Thence N. 0° 03' 45" E., continuing on line 18-17 of Tract 37 on said 30.00 foot offset line, a distance of 2558.56 feet to the monument for Angle Point No. 17 of Tract 37;

1 Thence, leaving said offset line, S. 86° 19' 33" W., on line 17-16 of Tract 37 a distance of 2675.63 feet to  
2 the monument for the Witness Point on line 17-16 of Tract 37;

3 Thence S. 86° 19' 33" W., continuing on line 17-16 of Tract 37 a distance of 2675.66 feet to the  
4 monument for Angle Point No. 16 of Tract 37 in sec. 33, T. 11 N., R. 28 E., W.M., WA., identical  
5 with the northeast corner of the Hanford Patrol Training Academy (HPTA) property;

6 Thence S. 0° 30' 15" W., on line 16-15 of Tract 37, identical with the east boundary line of the HPTA  
7 property, a distance of 2163.97 feet to the monument for Witness Point No. 4 on line 16-15 of  
8 Tract 37, from which the corner of secs. 3, 4, 33, and 34, of Tps. 10 and 11 N., R. 28 E., W.M.,  
9 WA. bears S. 8° 00' 04" E., a distance of 1450.09 feet;

10 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
11 distance of 3289.13 feet to the monument for Witness Point No. 3 on line 16-15 of Tract 37, in  
12 sec. 4, T. 10 N., R. 28 E., W.M., WA.;

13 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
14 distance of 3410.41 feet to the monument for Witness Point No. 2 on line 16-15 of Tract 37, from  
15 which the corner of secs. 3, 4, 9, and 10, bears S. 85° 51' 48" E., a distance of 231.22 feet;

16 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
17 distance of 2480.26 feet to the monument for Witness Point No. 1 on line 16-15 of Tract 37, in  
18 sec. 9, T. 10 N., R. 28 E., W.M., WA., from which the 1/4 section corner of secs. 9 and 10, bears  
19 S. 54° 07' 01" E., a distance of 299.72 feet;

20 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
21 distance of 2470.19 feet to the monument for Angle Point No. 15 of Tract 37, identical with the  
22 southeast corner of the HPTA property on the southerly right-of-way line of the Bonneville Power  
23 Administration (BPA) BENTON - WHITE BLUFFS No. 1 transmission line;

24 Thence N. 87° 59' 38" W., on line 15-14 of Tract 37, identical with said southerly right-of-way line and  
25 the south boundary of the HPTA property, a distance of 3129.83 feet to the monument for Angle  
26 Point No. 14 of Tract 37 from which the 1/4 section corner of secs. 9 and 16, bears S. 59° 33' 48"  
27 E., a distance of 859.55 feet;

28 Thence S. 0° 51' 57" W., on line 14-13 of Tract 37, a distance of 446.07 feet to the monument for Angle  
29 Point No. 13 of Tract 37 in sec. 16, T. 10 N., R. 28 E. W.M., WA., identical with the NE corner of  
30 the NUTS property as described in a quitclaim deed, recorded April 27, 2005, under Auditors File  
31 Number 2005-013181, Records of Benton County, Washington, and the survey by Daniel L.  
32 Strasser, PLS No. 32445, recorded September 13, 2001, under Auditors File Number 2001-  
33 028660, records of Benton County, Washington;

34 Thence S. 89° 59' 11" W., a distance of 644.83 feet to ACE Control Point 9456-6, a 3" aluminum cap;

35 Thence continuing S. 89° 59' 11" W., a distance of 517.29 feet;

36 Thence S. 0° 00' 09" W., a distance of 524.00 feet;

37 Thence N. 89° 59' 51" W., a distance of 250.00 feet;

38 Thence S. 0° 00' 09" W., a distance of 202.28 feet;

39 Thence continuing S. 0° 00' 09" W., a distance of 393.39 feet;

40 Thence S. 89° 59' 51" E., a distance of 251.35 feet;

41 Thence S. 0° 04' 27" E., a distance of 418.09 feet;

42 Thence on a non-tangent curve to the left with a delta of 17° 37' 12", a course of S. 7° 48' 26" E., and a  
43 radius of 258.08 feet, a distance of 79.37 feet;



1 Thence continuing on the curve left with a delta of  $24^{\circ} 40' 22''$ , a course of S.  $28^{\circ} 57' 13''$  E., and a radius  
 2 of 258.08 feet, a distance of 111.14 feet;  
 3 Thence on a non-tangent reverse curve with a delta of  $43^{\circ} 15' 44''$ , a course of S.  $15^{\circ} 23' 40''$  E., and a  
 4 radius of 264.52 feet, a distance of 199.73 feet;  
 5 Thence S.  $1^{\circ} 15' 39''$  W., a distance of 247.84 feet;  
 6 Thence on a non-tangent curve to the right with a delta of  $7^{\circ} 33' 06''$ , a course of S.  $3^{\circ} 53' 20''$  W., and a  
 7 radius of 1724.11 feet, a distance of 227.24 feet;  
 8 Thence S.  $24^{\circ} 50' 38''$  W., a distance of 118.81 feet to a point on the northerly right-of-way line of Horn  
 9 Rapids Road;  
 10 Thence northwesterly on the northerly right-of-way line of Horn Rapids Road, a distance of 18,650 feet  
 11 more or less to the intersection with the northerly right-of-way line of State Highway 240, in the  
 12 N.E.  $\frac{1}{4}$  of sec. 11, T.10N., R.27E., W.M., WA.;  
 13 Thence northwesterly on said northerly right-of-way line of said highway, on an offset line 75 feet  
 14 distance north of and parallel with the centerline of said highway to a point in sec. 3, T.10N.,  
 15 R.27E., W.M., WA., which point is on the eastward extension of the northerly right-of-way line  
 16 of the county road from Horn Rapids to Benton City;  
 17 Thence on the northerly and westerly right-of-way line of said road, on an offset line 75 feet distance  
 18 northerly and westerly of, and parallel with, the center line of said road to a point on the east line  
 19 of sec. 8, T.10N., R.27E., W.M., WA.;  
 20 Thence N. to the E. quarter corner of said section;  
 21 Thence W. to the S.W. corner of the E.  $\frac{1}{2}$  of the N.E.  $\frac{1}{4}$  of sec. 12, T.10N., R.26E., W.M., WA.;  
 22 Thence N. to the N. line of said sec. 12;  
 23 Thence W. to the N.E. corner of the N.W.  $\frac{1}{4}$  of the N.W.  $\frac{1}{4}$  of the N.W.  $\frac{1}{4}$  of sec. 11, T.10N., R.26E.,  
 24 W.M., WA.;  
 25 Thence S. a distance of 660 feet;  
 26 Thence W. a distance of 660 feet to the E. line of sec. 10, T.10N., R.26E., W.M., WA.;  
 27 Thence S. to the S.E. quarter corner of said sec. 10;  
 28 Thence W. on the E.-W. centerline of sec. 10 to the W. line of said section;  
 29 Thence N. on the W. section line to the S.E. corner of sec. 4, T.10N., R.26E., W.M., WA.;  
 30 Thence W. on the S. line of sec. 4 and sec. 5 to the S.W. corner of the S.E.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  of sec. 5;  
 31 Thence N. to the S.E. corner of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  of sec. 5;  
 32 Thence W. on the S. line of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  to the S.W. corner of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$ ;  
 33 Thence N. to the S.E. corner of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$ ;  
 34 Thence W. on the S. line of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$  to the W. line of sec. 5;  
 35 Thence N. to the S.E. corner of sec. 31, T.11N., R.26E., W.M., WA.;  
 36 Thence W. on the S. line of the E.  $\frac{1}{2}$  of the S.E.  $\frac{1}{4}$  of sec. 31 to the W. line of said E.  $\frac{1}{2}$  of the S.E.  $\frac{1}{4}$  of  
 37 sec. 31;  
 38 Thence N. on the W. line of the E.  $\frac{1}{2}$  of the S.E.  $\frac{1}{4}$  to the S.E. corner of the S.W.  $\frac{1}{4}$  of the N.E.  $\frac{1}{4}$  of  
 39 sec. 31;

1 Thence W. on the S. line of the S.W.  $\frac{1}{4}$  of the N.E.  $\frac{1}{4}$  to the S.W. corner of the S.W.  $\frac{1}{4}$  of the N.E.  $\frac{1}{4}$ ;  
2 Thence N. on the W. line of the S.W.  $\frac{1}{4}$  of the N.E.  $\frac{1}{4}$  to the S.E. corner of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$  of said  
3 sec. 31;  
4 Thence W. on the S. line of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$  to the W. line of said sec. 31;  
5 Thence N. on the W. line of sec. 31 to the S.E. corner of sec. 25, T.11N., R.25E., W.M., WA.;  
6 Thence W. on the S. line of sec. 25 to the S.W. corner of the S.E.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  of said sec. 25;  
7 Thence N. on the W. line of the S.E.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  to the S.E. corner of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$ ;  
8 Thence W. on the S. line of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  to the S.W. corner of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$ ;  
9 Thence N. on the W. line of the N.W.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  to the S.E. corner of the N.W.  $\frac{1}{4}$  of sec. 25;  
10 Thence W. on the S. line of the N.W.  $\frac{1}{4}$  of sec. 25 to the W. line of sec 25;  
11 Thence N. on the W. line of sec. 25 and the W. line of sec. 24 to the N. line of the S.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of  
12 sec. 23;  
13 Thence W. on the N. line of the S.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 23 and the N. line of the S.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of  
14 sec. 22 and the N. line of the S.  $\frac{1}{2}$  of the S.  $\frac{1}{2}$  of sec. 21 to the E. line of sec. 20;  
15 Thence S. to the S.E. corner of sec. 20;  
16 Thence W. on the S. line of sec. 20 and the S. line of sec. 19 to the S.E. corner of the S.W.  $\frac{1}{4}$  of the  
17 S.W.  $\frac{1}{4}$  of sec. 19;  
18 Thence N. to the N.E. corner of the S.W.  $\frac{1}{4}$  of the S.W.  $\frac{1}{4}$  of sec. 19;  
19 Thence W. to the W. line of sec. 19, all being in T.11N., R.25E., W.M., WA.;  
20 Thence continuing W. to the S.W. corner of the N.E.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  of sec. 24, T.11N., R.24E., W.M.,  
21 WA.;  
22 Thence N. to the N.W. corner of said N.E.  $\frac{1}{4}$  of the S.E.  $\frac{1}{4}$  of sec. 24;  
23 Thence W. to the S.W. corner of the S.E.  $\frac{1}{4}$  of the N.W.  $\frac{1}{4}$  of sec. 24;  
24 Thence N. to the N.W. corner of said S.E.  $\frac{1}{4}$  of the N.W.  $\frac{1}{4}$  of sec. 24;  
25 Thence W. to the W. line of sec. 24;  
26 Thence N. to the N.W. corner of sec. 24;  
27 Thence W. to the S.E. quarter corner of sec. 14;  
28 Thence N. to the N. quarter corner of sec. 14;  
29 Thence W. on the N. line of sec. 14 to the N.W. corner of sec. 14;  
30 Thence N. on the W. line of sec. 11 and sec. 2 to the N.W. corner of sec. 2, all being in T.11N., R.24E.,  
31 W.M., WA., and continuing N. on the W. lines of secs., 35, 26, 23, 14, 11, and 2, all being in  
32 T.12N., R.24E., W.M., WA.;  
33 Thence continuing N. on the W. lines of secs. 35 and 26 in T.13N., R.24E., W.M., WA., to the N.W.  
34 corner of sec. 26;  
35 Thence W. on the S. line of sec. 22 to the S.E. quarter corner of sec. 22;  
36 Thence N. on the N.-S. centerline of sec. 22 to the N. quarter corner of sec. 22;  
37 Thence W. on the S. line of sec. 15 to the S.W. corner of sec. 15;

1 Thence N. on the W. line of sec. 15 to the S.W. corner of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{4}$  of sec. 15;  
2 Thence E. on the S. line of the N.  $\frac{1}{2}$  of the N.W.  $\frac{1}{2}$  of sec. 15 to the S.W. corner of the S.W.  $\frac{1}{4}$  of the  
3 N.E.  $\frac{1}{4}$  of sec. 15;  
4 Thence N. on the W. line of the S.W.  $\frac{1}{4}$  of the N.E.  $\frac{1}{4}$  of sec. 15 and continuing N. on the centerline of  
5 sec. 10 to the N. line of sec. 10;  
6 Thence E. on the N. line of sec. 10 to the N.E. corner of sec. 10;  
7 Thence N. on the W. line of sec. 2 to the N.W. corner of sec. 2;  
8 Thence E. on the N. line of sec. 2 to the N.E. corner of sec. 2 all being in T.13N., R.24E., W.M., WA.;  
9 Thence N. on the W. line of sec. 36, T.14N., R.24 E., W.M., WA. to the N.W. corner of sec. 36;  
10 Thence E. to the S. quarter corner of sec. 25;  
11 Thence N. to the center of sec. 25;  
12 Thence E. to the E. quarter corner of sec. 25 all being in T.14N., R.24E., W.M., WA.;  
13 Thence N. to the N.W. corner of sec. 30, T.14N., R.25E., W.M., WA.;  
14 Thence E. to the N. quarter corner of sec. 30;  
15 Thence N. to the center of sec. 19;  
16 Thence E. to the E. quarter corner of sec. 19;  
17 Thence N. to the N.W. corner of sec. 20;  
18 Thence E. to the N. quarter corner of sec. 20;  
19 Thence N. to the center of sec. 17;  
20 Thence E. to the E. quarter corner of sec. 17 and continuing E. to the center of sec. 16;  
21 Thence N. to the N. quarter corner of sec. 16;  
22 Thence E. to the N.E. corner of sec. 16 and continuing E. to the N. quarter corner of sec. 15;  
23 Thence N. to the center of section 10;  
24 Thence E. to the E. quarter corner of sec. 10;  
25 Thence N. to the N.W. corner of sec. 11;  
26 Thence E. to the N. quarter corner of sec. 11;  
27 Thence N. to the center of sec. 2;  
28 Thence E. to the E. quarter corner of sec. 2;  
29 Thence N. to the N.W. corner of sec. 1;  
30 Thence E. to the N. quarter corner of sec. 1, all being in T.14N., R.25E., W.M., WA.;  
31 Thence N. to the center of sec. 36;  
32 Thence E. to the E. quarter corner of sec. 36, all being in T.15N., R.25E., W.M., WA.;  
33 Thence N. to the N.W. corner of sec. 31, T.15N., R.26E., W.M., WA.;  
34 Thence E. to the N. quarter corner of sec. 31;  
35 Thence N. to the center of sec. 30;

1 Thence E. to the E. quarter corner of sec. 30 and continuing E. to the center of sec. 29;  
2 Thence N. to the N. quarter corner of sec. 29;  
3 Thence E. to the N.E. corner of sec. 29;  
4 Thence N. to the W. quarter corner of sec. 21;  
5 Thence E. to the center of sec. 21;  
6 Thence N. to the N. quarter corner of sec. 21;  
7 Thence E. to the N.E. corner of sec. 21;  
8 Thence N. to the W. quarter corner of sec. 15;  
9 Thence E. to the E. quarter corner of sec. 15;  
10 Thence N. to the N.W. corner of sec. 14;  
11 Thence E. to the N.E. corner of sec. 14 and continuing E. to the N.E. corner of sec. 13, all being in  
12 T.15N., R.26E., W.M., WA.;  
13 Thence continuing E. on the N. lines of secs. 18, 17, and 16 of T.15N., R.27E., W.M., WA. to the N.E.  
14 corner of sec. 16;  
15 Thence S. to the W. quarter corner of sec. 15;  
16 Thence E. to the E. quarter corner of sec. 15;  
17 Thence S. to the S.E. corner of sec. 15;  
18 Thence E. to the N. quarter corner of sec. 23;  
19 Thence S. to the center of sec. 23;  
20 Thence E. to the E. quarter corner of sec. 23;  
21 Thence S. to the S.E. corner of sec. 23;  
22 Thence E. to the N. quarter corner of sec. 25;  
23 Thence S. to the center of sec. 25;  
24 Thence E. to the E. quarter corner of sec. 25;  
25 Thence S. to the S.E. corner of sec. 25, all being in T.15N., R.27E., W.M., WA.;  
26 Thence E. to the N. quarter corner of sec. 31, T.15N., R.28E., W.M., WA.;  
27 Thence S. to the S. quarter corner of sec. 31, all being in T.15N., R.28E., W.M., WA.;  
28 Thence continuing S. to the center of sec. 6, T.14N., R.28E., W.M., WA.;  
29 Thence E. to the E. quarter corner of sec. 6;  
30 Thence S. to the S.E. corner of sec. 6 and continuing S. on the E. lines of secs. 7 and 18 to the S.E. corner  
31 of sec. 18;  
32 Thence E. to the N. quarter corner of sec. 20;  
33 Thence S. to the S. quarter corner of sec. 20 and continuing S. to the S. quarter corner of sec. 29;  
34 Thence E. to the S.E. corner of sec. 29;  
35 Thence S. to the S.E. corner of sec. 32, all being in T.14N., R.28E., W.M., WA.;  
36 Thence continuing S. on the E. lines of secs. 5, 8, 17, 20, and 29 to the S.E. corner of sec. 29;

1 Thence E. to the N.E. corner of sec. 33 and continuing to the E. line of the W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 34;  
 2 Thence S. on the E. line of the W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 34 to the N. line of the S.  $\frac{1}{2}$  of the S.W. quarter  
 3 of said sec. 34;  
 4 Thence E. to the N.E. corner of the S.  $\frac{1}{2}$  of the S.W.  $\frac{1}{4}$  of sec. 34;  
 5 Thence S. to the S. quarter corner of sec. 34, all being in T.13N., R.28E., W.M., WA.;  
 6 Thence E. on the N. line of sec. 3, T.12N., R.28E., W.M., WA. to the N.E. corner of sec. 3;  
 7 Thence S. on the E. lines of secs. 3 and 10 to the W. quarter corner of sec. 11;  
 8 Thence E. to the E. line of the W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 11;  
 9 Thence S. on the E. line of the W.  $\frac{1}{2}$  of the W.  $\frac{1}{2}$  of sec. 11 to the S. line of sec. 11;  
 10 Thence E. to the S. quarter corner of sec. 11;  
 11 Thence S. to the S. line of the N.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  of sec. 14;  
 12 Thence E. on the S. line of the N.  $\frac{1}{2}$  of the N.  $\frac{1}{2}$  of sec. 14 to the W. line of the E.  $\frac{1}{2}$  of the N.E.  $\frac{1}{4}$  of  
 13 sec. 14;  
 14 Thence S. on the W. line of the E.  $\frac{1}{2}$  of the N.E.  $\frac{1}{4}$  of sec. 14 to the E.-W. centerline of sec. 14;  
 15 Thence E. to the E. quarter corner of sec. 14;  
 16 Thence S. to the S.E. corner of sec. 14;  
 17 Thence continuing S. to the S. line of Tract 4 of Ringold Tracts according to the plat filed in the records  
 18 of Franklin County, WA;  
 19 Thence W. to the W. line of navigation of the Columbia River;  
 20 Thence southerly on the said W. line of navigation approximately 56,700 feet to a point on said line of  
 21 navigation in sec. 11, T.10N., R.28E., W.M., WA., identical with the northeast corner of the  
 22 PNNL property as described in Rogers Surveying, Inc. Survey #02516, Auditor's File No. 4768,  
 23 Records of Benton County, Washington, from which the intersection of said line of navigation  
 24 with the south line of sec. 11, T.10N., R.28E., W.M., WA. bears southerly 1770 feet more or less;  
 25 Thence S.  $89^{\circ} 09' 20''$  W., a distance of 3700 feet more or less, aligning with the 300 Area fence that is  
 26 approximately 350 feet distant south from and parallel with the center line of Ash Street, to the  
 27 easterly right-of-way line of Stevens Drive (Route 4S), an unplatted road, 40 feet distance east  
 28 from the center line of the Northbound lanes thereof;  
 29 Thence S.  $0^{\circ} 19' 06''$  E., on said right-of-way line a distance of 979.72 feet;  
 30 Thence continuing S.  $0^{\circ} 19' 06''$  E., a distance of 748.55 feet;  
 31 Thence continuing S.  $0^{\circ} 19' 06''$  E., a distance of 2696.42 feet to the line's intersection with the southerly  
 32 right-of-way line of Horn Rapids Road in sec. 15, T.10N., R.28E., W.M., WA.;  
 33 Thence N.  $89^{\circ} 23' 44''$  W., on said right-of-way line a distance of 181.70 feet;  
 34 Thence N.  $3^{\circ} 22' 07''$  W., a distance of 110.31 feet to a point on line 1-2 of Tract 37;  
 35 Thence S.  $89^{\circ} 23' 44''$  E., continuing on line 1-2 of Tract 37 a distance of 7.47 feet to the point of  
 36 beginning.  
 37 EXCEPTING from the above-described land, Section 1, Township 11N., Range 26 East Willamette  
 38 Meridian in the ownership under quitclaim deed, of the STATE OF WASHINGTON.

## Hanford Facility Permit Operating Boundary

In response to requirement Washington Administrative Code (WAC) 173-303-806(4)(a)(xviii)(G) the following describes the legal boundary of the Hanford Site. Individual TSD units use only a very small portion of the Hanford Site. Additional descriptive information on the individual TSD units is contained in the Unit-Specific portion of this permit application:

The Hanford Site being a tract of land located in Benton County, WA, the aforesaid tract being more particularly described as follows:

Beginning at the true point for Angle Point No. 1 of Tract 37 of the BLM official survey, accepted February 6, 2018, on file in the BLM office in Portland, Oregon, located at the intersection of a 70 foot distance perpendicular offset north from the center line of Horn Rapids Road, as described in the Easement Quitclaim Deed, recorded May 21, 1971, under Auditor's File No. 621762, Records of Benton County, Washington, with a 30 foot distance offset west from the westerly edge of pavement of Stevens Drive (Route 4S), in sec. 15, T. 10 N., R. 28 E., Willamette Meridian (W.M.), Washington (WA.), from which the monument for the Witness Corner for Angle Point No. 1 of Tract 37 bears N. 46° 53' 46" W., a distance of 30.08 feet;

Thence N. 2° 08' 49" E., on the offset line from the westerly edge of pavement of Stevens Drive (Route 4S), being 30.00 feet distance and west therefrom, identical with line 1-23 of Tract 37, a distance of 409.53 feet to the monument for Angle Point No. 23 of Tract 37;

Thence N. 0° 25' 27" E., on said 30.00 foot offset line, identical with line 23-22 of Tract 37, a distance of 3741.27 feet, to the monument for Angle Point No. 22 of Tract 37, identical with Angle Point No. 5 of Tract 38 in sec. 10, T. 10 N., R. 28 E., W.M., WA.;

Thence, leaving said offset line, N. 89° 08' 46" W., on line 22-21 of Tract 37, identical with line 5-4 of Tract 38, a distance of 420.97 feet to the monument for Angle Point No. 21 of Tract 37, identical with Angle Point No. 4 of Tract 38;

Thence N. 44° 52' 17" W., on line 21-20 of Tract 37, identical with line 4-3 of Tract 38, a distance of 2376.75 feet to the monument for the witness point on the Tract lines, from which the ACE Control Point HSM-030 1992 bears S. 71° 24' 48" E. a distance of 922.12 feet;

Thence N. 44° 52' 17" W., continuing on line 21-20 of Tract 37, identical with line 4-3 of Tract 38, a distance of 2376.63 feet to the monument for Angle Point No. 20 of Tract 37, identical with Angle Point No. 3 of Tract 38;

Thence N. 0° 36' 23" E., on line 20-19 of Tract 37, identical with line 3-2 of Tract 38, a distance of 4101.77 feet, to the monument for Angle Point No. 19 of Tract 37, identical with Angle Point No. 2 of Tract 38, in sec. 3, T. 10 N., R. 28 E., W.M., WA.;

Thence S. 89° 11' 27" E., on line 19-18 of Tract 37, identical with line 2-1 of Tract 38, a distance of 3819.34 feet to the monument for Angle Point No. 18 of Tract 37, identical with Angle Point No. 1 of Tract 38 point, at an offset from the westerly edge of pavement of Stevens Drive (Route 4S), being 30.00 feet distance and west therefrom;

Thence N. 0° 03' 45" E., on said 30 foot offset line, identical with line 18-17 of Tract 37, a distance of 2990.04 to the monument for the Witness Point on line 18-17 of Tract 37, in sec. 34, T. 11 N., R. 28 E., W.M., WA., from which U.S. Coast and Geodetic Survey Bench Mark M323 1949 bears N. 1° 09' 17" W. a distance of 634.79 feet;

Thence N. 0° 03' 45" E., continuing on line 18-17 of Tract 37 on said 30.00 foot offset line, a distance of 2558.56 feet to the monument for Angle Point No. 17 of Tract 37;

Thence, leaving said offset line, S. 86° 19' 33" W., on line 17-16 of Tract 37 a distance of 2675.63 feet to the monument for the Witness Point on line 17-16 of Tract 37;

## Hanford Facility Permit Legal Description &amp; Operating Boundary

1 Thence S. 86° 19' 33" W., continuing on line 17-16 of Tract 37 a distance of 2675.66 feet to the  
2 monument for Angle Point No. 16 of Tract 37 in sec. 33, T. 11 N., R. 28 E., W.M., WA., identical  
3 with the northeast corner of the HPTA property;

4 Thence S. 0° 30' 15" W., on line 16-15 of Tract 37, identical with the east boundary line of the HPTA  
5 property, a distance of 2163.97 feet to the monument for Witness Point No. 4 on line 16-15 of  
6 Tract 37, from which the corner of secs. 3, 4, 33, and 34, of Tps. 10 and 11 N., R. 28 E., W.M.,  
7 WA. bears S. 8° 00' 04" E., a distance of 1450.09 feet;

8 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
9 distance of 3289.13 feet to the monument for Witness Point No. 3 on line 16-15 of Tract 37, in  
10 sec. 4, T. 10 N., R. 28 E., W.M., WA.;

11 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
12 distance of 3410.41 feet to the monument for Witness Point No. 2 on line 16-15 of Tract 37, from  
13 which the corner of secs. 3, 4, 9, and 10, bears S. 85° 51' 48" E., a distance of 231.22 feet;

14 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
15 distance of 2480.26 feet to the monument for Witness Point No. 1 on line 16-15 of Tract 37, in  
16 sec. 9, T. 10 N., R. 28 E., W.M., WA., from which the 1/4 section corner of secs. 9 and 10, bears  
17 S. 54° 07' 01" E., a distance of 299.72 feet;

18 Thence S. 0° 30' 15" W., continuing on line 16-15 of Tract 37, identical with said east boundary line a  
19 distance of 2470.19 feet to the monument for Angle Point No. 15 of Tract 37, identical with the  
20 southeast corner of the HPTA property on the southerly right-of-way line of the BPA BENTON -  
21 WHITE BLUFFS No. 1 transmission line;

22 Thence N. 87° 59' 38" W., on line 15-14 of Tract 37, identical with said southerly right-of-way line and  
23 the south boundary of the HPTA property, a distance of 3129.83 feet to the monument for Angle  
24 Point No. 14 of Tract 37 from which the 1/4 section corner of secs. 9 and 16, bears S. 59° 33' 48"  
25 E., a distance of 859.55 feet;

26 Thence S. 0° 51' 57" W., on line 14-13 of Tract 37, a distance of 446.07 feet to the monument for Angle  
27 Point No. 13 of Tract 37 in sec. 16, T. 10 N., R. 28 E. W.M., WA., identical with the NE corner  
28 of the NUTS property as described in a quitclaim deed, recorded April 27, 2005, under Auditors  
29 File Number 2005-013181, Records of Benton County, Washington, and the survey by Daniel L.  
30 Strasser, PLS No. 32445, recorded September 13, 2001, under Auditors File Number 2001-  
31 028660, records of Benton County, Washington;

32 Thence S. 89° 59' 11" W., a distance of 644.83 feet to ACE Control Point 9456-6, a 3" aluminum cap;

33 Thence continuing S. 89° 59' 11" W., a distance of 517.29 feet;

34 Thence S. 0° 00' 09" W., a distance of 524.00 feet;

35 Thence N. 89° 59' 51" W., a distance of 250.00 feet;

36 Thence S. 0° 00' 09" W., a distance of 202.28 feet;

37 Thence continuing S. 0° 00' 09" W., a distance of 393.39 feet;

38 Thence S. 89° 59' 51" E., a distance of 251.35 feet;

39 Thence S. 0° 04' 27" E., a distance of 418.09 feet;

40 Thence on a non-tangent curve to the left with a delta of 17° 37' 12", a course of S. 7° 48' 26" E., and a  
41 radius of 258.08 feet, a distance of 79.37 feet;

42 Thence continuing on the curve left with a delta of 24° 40' 22", a course of S. 28° 57' 13" E., and a radius  
43 of 258.08 feet, a distance of 111.14 feet;

1 Thence on a non-tangent reverse curve with a delta of  $43^{\circ} 15' 44''$ , a course of S.  $15^{\circ} 23' 40''$  E., and a  
2 radius of 264.52 feet, a distance of 199.73 feet;  
3 Thence S.  $1^{\circ} 15' 39''$  W., a distance of 247.84 feet;  
4 Thence on a non-tangent curve to the right with a delta of  $7^{\circ} 33' 06''$ , a course of S.  $3^{\circ} 53' 20''$  W., and a  
5 radius of 1724.11 feet, a distance of 227.24 feet;  
6 Thence S.  $24^{\circ} 50' 38''$  W., a distance of 118.81 feet to a point on the northerly right-of-way line of Horn  
7 Rapids Road;  
8 Thence northwesterly on the northerly right-of-way line of Horn Rapids Road, a distance of 18,650 feet  
9 more or less to the intersection with the northerly right-of-way line of State Highway 240, in the  
10 N.E. 1/4 of sec. 11, T.10N., R.27E., W.M., WA.;  
11 Thence northwesterly on said northerly right-of-way line of said highway, on an offset line 75 feet  
12 distance north of and parallel with the centerline of said highway to a point in sec. 3, T.10N.,  
13 R.27E., W.M., WA., which point is on the eastward extension of the northerly right-of-way line  
14 of the county road from Horn Rapids to Benton City;  
15 Thence on the northerly and westerly right-of-way line of said road, on an offset line 75 feet distance  
16 northerly and westerly of, and parallel with, the center line of said road to a point on the east line  
17 of sec. 8, T.10N., R.27E., W.M., WA.;  
18 Thence N. to the E. quarter corner of said section;  
19 Thence W. to the S.W. corner of the E. 1/2 of the N.E. 1/4 of sec. 12, T.10N., R.26E., W.M., WA.;  
20 Thence N. to the N. line of said sec. 12;  
21 Thence W. to the N.E. corner of the N.W. 1/4 of the N.W. 1/4 of the N.W. 1/4 of sec. 11, T.10N., R.26E.,  
22 W.M., WA.;  
23 Thence S. a distance of 660 feet;  
24 Thence W. a distance of 660 feet to the E. line of sec. 10, T.10N., R.26E., W.M., WA.;  
25 Thence S. to the S.E. quarter corner of said sec. 10;  
26 Thence W. on the E.-W. centerline of sec. 10 to the W. line of said section;  
27 Thence N. on the W. section line to the S.E. corner of sec. 4, T.10N., R.26E., W.M., WA.;  
28 Thence W. on the S. line of sec. 4 and sec. 5 to the S.W. corner of the S.E. 1/4 of the S.E. 1/4 of sec. 5;  
29 Thence N. to the S.E. corner of the N.W. 1/4 of the S.E. 1/4 of sec. 5;  
30 Thence W. on the S. line of the N.W. 1/4 of the S.E. 1/4 to the S.W. corner of the N.W. 1/4 of the  
31 S.E. 1/4;  
32 Thence N. to the S.E. corner of the N. 1/2 of the N.W. 1/4;  
33 Thence W. on the S. line of the N. 1/2 of the N.W. 1/4 to the W. line of sec. 5;  
34 Thence N. to the S.E. corner of sec. 31, T.11N., R.26E., W.M., WA.;  
35 Thence W. on the S. line of the E. 1/2 of the S.E. 1/4 of sec. 31 to the W. line of said E. 1/2 of the S.E. 1/4  
36 of sec. 31;  
37 Thence N. on the W. line of the E. 1/2 of the S.E. 1/4 to the S.E. corner of the S.W. 1/4 of the N.E. 1/4 of  
38 sec. 31;



1 Thence W. on the S. line of the S.W. 1/4 of the N.E. 1/4 to the S.W. corner of the S.W. 1/4 of the  
2 N.E. 1/4;  
3 Thence N. on the W. line of the S.W. 1/4 of the N.E. 1/4 to the S.E. corner of the N. 1/2 of the N.W. 1/4  
4 of said sec. 31;  
5 Thence W. on the S. line of the N. 1/2 of the N.W. 1/4 to the W. line of said sec. 31;  
6 Thence N. on the W. line of sec. 31 to the S.E. corner of sec. 25, T.11N., R.25E., W.M., WA.;  
7 Thence W. on the S. line of sec. 25 to the S.W. corner of the S.E. 1/4 of the S.E. 1/4 of said sec. 25;  
8 Thence N. on the W. line of the S.E. 1/4 of the S.E. 1/4 to the S.E. corner of the N.W. 1/4 of the S.E. 1/4;  
9 Thence W. on the S. line of the N.W. 1/4 of the S.E. 1/4 to the S.W. corner of the N.W. 1/4 of the  
10 S.E. 1/4;  
11 Thence N. on the W. line of the N.W. 1/4 of the S.E. 1/4 to the S.E. corner of the N.W. 1/4 of sec. 25;  
12 Thence W. on the S. line of the N.W. 1/4 of sec. 25 to the W. line of sec 25;  
13 Thence N. on the W. line of sec. 25 and the W. line of sec. 24 to the N. line of the S. 1/2 of the S. 1/2 of  
14 sec. 23;  
15 Thence W. on the N. line of the S. 1/2 of the S. 1/2 of sec. 23 and the N. line of the S. 1/2 of the S. 1/2 of  
16 sec. 22 and the N. line of the S. 1/2 of the S. 1/2 of sec. 21 to the E. line of sec. 20;  
17 Thence S. to the S.E. corner of sec. 20;  
18 Thence W. on the S. line of sec. 20 and the S. line of sec. 19 to the S.E. corner of the S.W. 1/4 of the  
19 S.W. 1/4 of sec. 19;  
20 Thence N. to the N.E. corner of the S.W. 1/4 of the S.W. 1/4 of sec. 19;  
21 Thence W. to the W. line of sec. 19, all being in T.11N., R.25E., W.M., WA.;  
22 Thence continuing W. to the S.W. corner of the N.E. 1/4 of the S.E. 1/4 of sec. 24, T.11N., R.24E., W.M.,  
23 WA.;  
24 Thence N. to the N.W. corner of said N.E. 1/4 of the S.E. 1/4 of sec. 24;  
25 Thence W. to the S.W. corner of the S.E. 1/4 of the N.W. 1/4 of sec. 24;  
26 Thence N. to the N.W. corner of said S.E. 1/4 of the N.W. 1/4 of sec. 24;  
27 Thence W. to the W. line of sec. 24;  
28 Thence N. to the N.W. corner of sec. 24;  
29 Thence W. to the S.E. quarter corner of sec. 14;  
30 Thence N. to the N.W. quarter corner of sec. 14;  
31 Thence W. on the N. line of sec. 14 to the N.W. corner of sec. 14;  
32 Thence N. on the W. line of sec. 11 and sec. 2 to the N.W. corner of sec. 2, all being in T.11N., R.24E.,  
33 W.M., WA., and continuing N. on the W. lines of secs., 35, 26, 23, 14, 11, and 2, all being in  
34 T.12N., R.24E., W.M., WA.;  
35 Thence continuing N. on the W. lines of secs. 35 and 26 in T.13N., R.24E., W.M., WA., to the N.W.  
36 corner of sec. 26;  
37 Thence W. on the S. line of sec. 22 to the S.E. quarter corner of sec. 22;  
38 Thence N. on the N.-S. centerline of sec. 22 to the N.E. quarter corner of sec. 22;

1 Thence W. on the S. line of sec. 15 to the S.W. corner of sec. 15;  
2 Thence N. on the W. line of sec. 15 to the S.W. corner of the N. 1/2 of the N.W. 1/4 of sec. 15;  
3 Thence E. on the S. line of the N. 1/2 of the N.W. 1/4 of sec. 15 to the S.W. corner of the N.W. 1/4 of the  
4 N.E. 1/4 of sec. 15;  
5 Thence N. on the W. line of the S.W. 1/4 of the N.E. 1/4 of sec. 15 and continuing N. on the centerline of  
6 sec. 10 to the W. navigation line of the Columbia River, following said navigation line easterly,  
7 northerly, and southerly to a point directly W. of the S. line of Tract 4 of Ringold Tracts  
8 according to the plat filed in the records of Franklin County.  
9 Thence southerly on said W. line of navigation approximately 56,700 feet to a point on said line of  
10 navigation in sec. 11, T.10N., R.28E., W.M., WA., identical with the northeast corner of the  
11 PNNL property as described in Rogers Surveying, Inc. Survey #02516, Auditor's File No. 4768,  
12 Records of Benton County, Washington, from which the intersection of said line of navigation  
13 with the S. line of sec. 11, T.10N., R.28E., W.M., WA. bears southerly 1770 feet more or less;  
14 Thence S. 89° 09' 20" W. a distance of 3700 feet more or less, aligning with the 300 Area fence line that  
15 is approximately 350 feet distant south from and parallel with the center line of Ash Street, to the  
16 easterly right-of-way line of Stevens Drive (Route 4S), an unplatted road, 40 feet distant east  
17 from the center line of the Northbound lanes thereof;  
18 Thence S. 0° 19' 06" E. on said right-of-way line a distance of 979.72 feet;  
19 Thence continuing S. 0° 19' 06" E. a distance of 748.55 feet;  
20 Thence continuing S. 0° 19' 06" E. a distance of 2696.42 feet to the line's intersection with the southerly  
21 right-of-way line of Horn Rapids Road in sec. 15, T.10N., R.28E., W.M., WA.;  
22 Thence N. 89° 23' 44" W. on said right-of-way line a distance of 181.70 feet;  
23 Thence N. 3° 22' 07" W. a distance of 110.31 feet to a point on the south boundary of Tract 37;  
24 Thence S. 89° 23' 44" E. a distance of 7.47 feet to the point of beginning.  
25 EXCEPTING FROM THE ABOVE-DESCRIBED LAND THE FOLLOWING PARCELS,  
26 EXCLUDING that portion of the Hanford Railroad and any Hanford Site access roads, which  
27 may traverse these parcels:  
28 PARCEL A) The N. 1/2 of the N.W. 1/4, and that portion of the N.W. 1/4 of the N.E. 1/4 in sec. 14,  
29 T.13N., R.24E., W.M., WA. in the ownership and jurisdiction of the BPA.  
30 PARCEL B) Sec. 1, T.11N., R.26E., W.M., WA. in the ownership under quitclaim deed, of the STATE  
31 OF WASHINGTON.  
32 PARCEL C) A tract of land leased to the STATE OF WASHINGTON and subleased to U.S. Ecology  
33 lying in section 9, T.12N., R.26E., W.M., WA., containing 100 acres more or less, more  
34 particularly described as follows: BEGINNING at the Southwest corner of said Section 9; thence  
35 North 0° 53' 09" West on the East line of Section 9 a distance of 2,942 feet, thence South 88° 50'  
36 56" West 1,480 feet, thence South 88° 53' 09" East 2,942 feet to the South line of the Section;  
37 thence North 88° 50' 56" East on said South line of the Section 1,480 feet to the point of  
38 beginning.  
39 Three tracts of land leased to the WASHINGTON PUBLIC POWER SUPPLY SYSTEM more  
40 particularly described as follows:

1 PARCEL D) A tract of land (for the Hanford Generating Plant), commencing at the S.E. corner of  
 2 sec. 28, T.14N., R.26E., W.M., WA., said point having Washington State Coordinates, South  
 3 Zone, of N. 486,994.01, and E. 2,236,672.11; thence N. 72° 02' 15" W. 3,483.15 feet, thence  
 4 N. 67° 11' 41" W. 1,810 feet more or less to a point on the line of ordinary high water on the right  
 5 bank of the Columbia River, which point is the TRUE POINT OF BEGINNING: thence S. 67°  
 6 11' 41" E. 1,810 feet more or less to a point, having Washington State Coordinates, South Zone,  
 7 of N. 488,068.19 and E. 2,233,358.73, thence N. 22° 48' 19" E. a distance of 1,595 feet to a point,  
 8 having Washington State Coordinates, South Zone, of N. 489,538.48 and E. 2,233,976.96, thence  
 9 N. 67° 11' 41" W. 1,108 feet more or less to a point on the line of ordinary high water on the right  
 10 bank of the Columbia River, thence southwesterly on the said line of ordinary high water to the  
 11 TRUE POINT OF BEGINNING, containing 53.42 acres more or less; THIS PARCEL  
 12 AMENDED BY DELETING THE FOLLOWING: Beginning at the S.E. corner of the leased  
 13 parcel, which point is at coordinates N. 488,068.19 and E. 2,233,358.73 on the Washington State  
 14 Coordinate System, South Zone; thence N. 22° 48' 19" E. 1,060 feet; thence N. 67° 11' 41" W.  
 15 200 feet; thence S. 22° 48' 19" W. 1,060 feet; thence S. 67° 11' 41" E. 200 feet to the point of  
 16 beginning; containing 4.85 acres, more or less;

17 PARCEL E) A tract of land (for WNP Site 2), beginning at the S.W. corner of sec. 11, T.11N., R.28E.,  
 18 W.M., WA., said corner having Washington State coordinates, South Zone, of N. 408,335.30 and  
 19 E. 2,307,653.50, thence N. 0° 41' 08" E. 8,065.28 feet to the TRUE POINT OF BEGINNING;  
 20 thence W. 11,153.57 feet; thence S. 01° 01' 23" E. 3,000.48 feet; thence S. 88° 53' 54" W.  
 21 5,200.96 feet; thence N. 0° 31' 41" W. 3,690.15 feet; thence E. 1,430.00 feet; thence N. 1,865.69  
 22 feet; thence N. 87° 46' 08" E. 3,703.83 feet; thence S. 01° 01' 23" E. 1,600.25 feet; thence E.  
 23 11,189.29 feet; thence N. 01° 01' 23" E. 1,800.29 feet; thence N. 89° 07' 55" E. 3,300.38 feet to  
 24 the line of Navigation of the W. bank of the Columbia River, thence southerly on said line of  
 25 Navigation to a point that bears N. 89° 15' 21" E. from the TRUE POINT OF BEGINNING;  
 26 thence S. 89° 15' 21" W. 3,850.32 feet more or less to the TRUE POINT OF BEGINNING.

27 PARCEL F) A tract of land (for WNP Sites 1 and 4) lying in Section 4 of Township 11 North, Range 28  
 28 East, Willamette Meridian, described as follows:

29 Beginning at the Southwest corner of Section 11, Township 11 North, Range 28 East, W.M., WA.,  
 30 (said corner being located by reference to the Washington State Coordinate System South Zone at  
 31 coordinates North 408,335.30 and East 2,307,653.50) thence North 65° 17' 03" West  
 32 12113.14 feet to the TRUE POINT OF BEGINNING (said point being located by reference to the  
 33 Washington State Coordinate System South Zone at coordinates North 413,400.00 and East  
 34 2,296,650.00); thence North 01° 01' 23" West 3000.48 feet to a point; thence East 5280.00 feet to  
 35 a point; thence South 01° 01' 23" East 3000.48 feet to a point; thence West 5280.00 feet more or  
 36 less to the TRUE POINT OF BEGINNING, containing 363.69 acres more or less; and

37 A parcel of land lying in Sections 3 and 4 of Township 11 North, Range 28 East, and Sections 33 and 34  
 38 of Township 12 North, Range 28 East, Willamette Meridian, described as follows:

39 Beginning at the Southwest corner of Section 11, Township 11 North, Range 28 East, W.M., WA.,  
 40 (said corner being located by reference to the Washington State Coordinate System South Zone at  
 41 coordinates North 408,335.30 and East 2,307,653.50) thence North 50° 42' 00" West 14,311.63  
 42 feet to the TRUE POINT OF BEGINNING (said point being located by reference to the  
 43 Washington State Coordinate System South Zone at coordinates North 417,400.00 and East  
 44 2,296,578.57); thence North 01° 01' 23" West 3000.48 feet to a point; thence East 5,280.00 feet to  
 45 a point; thence South 01° 01' 23" East 1200.19 feet to a point; thence East 5,973.57 feet to a  
 46 point; thence South 1° 01' 23" West 1800.29 feet to a point; thence West 11,189.29 feet more or  
 47 less to the TRUE POINT OF BEGINNING, containing 609.15 acres more or less.

1 PARCEL G) The parcels on the Hanford Site used but not owned by the BPA including the Ashe  
2 Substation, the Hanford Substation, the Benton Switch Substation, and the White Bluffs  
3 Substation.

4 ASHE SUBSTATION. A parcel of land in the W. 1/2 S.E. 1/4, the S.E. 1/2 N.W. 1/4 and the S.W. 1/4 of  
5 Section 32, Township 12 North, Range 28 East, Willamette Meridian, Benton County,  
6 Washington, more particularly described as follows:

7 Commencing at a BPA monument set at the intersection of the north-south and east-west base lines for  
8 the Ashe Substation Site in the S.E. 1/4 S.W. 1/4 of Section 32, Township 12 North, Range 28  
9 East, Willamette Meridian. This monument is located N. 26° 49' 15" E., 1503.1 feet from a  
10 2-inch brass disc on the south line of Section 32, said disc being set by WPPSS survey of  
11 August 11, 1971. Thence N. 52° 10' 10" E., 1200.0 feet to the true point of beginning. Thence S.  
12 37° 49' 50" E., 400.0 feet; thence S. 52° 10' 10" W., 1100.0 feet; thence S. 37° 49' 50" E., 1287.7  
13 feet to a point on the south line of Section 32; thence S. 87° 46' 12" W., on said south line of  
14 Section 32, a distance of 984.0 feet; thence N. 37° 49' 50" W., 2014.8 feet; thence N. 52° 10' 10"  
15 E., 1900.0 feet; thence S. 37° 49' 50" E., 900.0 feet to the true point of beginning; containing  
16 75.09 acres, more or less.

17 ASHE SS SOUTH CORRIDOR, PARCEL 1. A portion of Government Lot 3 of Section 5, Township 11  
18 North, Range 28 East, Willamette Meridian, Benton County, Washington, more particularly  
19 described as follows:

20 Commencing at a point in Bay 3 in the Ashe Substation Site in the N.E. 1/4 S.W. 1/4 of Section 32,  
21 Township 12 North, Range 28 East, Willamette Meridian, said point being N. 25° 56' 16" E.,  
22 1716.1 feet from a 2-inch brass disc on the south line of Section 32, said disc being set by  
23 WPPSS survey of August 11, 1971. Thence S. 31° 24' 10" E., 553.5 feet; thence S. 1° 50' 00" E.,  
24 1029.6 feet to a point on the north line of Section 5, Township 11 North, Range 28 East,  
25 Willamette Meridian, the true point of beginning for this description. Thence N. 87° 46' 12" E.,  
26 on said north line of Section 5, a distance of 75 feet; thence S. 1° 50' 00" E., 1299.7 feet; thence  
27 S. 88° 10' 00" W., 281.5 feet; thence N. 1° 50' 00" W., 1297.6 feet to a point on said north line;  
28 thence N. 87° 46' 12" E., on said north line, a distance of 206.5 feet to the true point of beginning.

29 ASHE SS SOUTH CORRIDOR, PARCEL 2. All that portion of the S.E. 1/4 S.W. 1/4 of Section 32,  
30 Township 12 North, Range 28 East, Willamette Meridian, Benton County, Washington, that lies  
31 southerly and easterly of the Ashe Substation Site and westerly of a line 75 feet easterly from and  
32 parallel with the survey line for the Bonneville Power Administration WPPSS No. 2 Powerhouse-  
33 Ashe 500 kV line No. 2. The survey line is described, with reference to the Washington  
34 Coordinate System - South Zone, as follows:

35 Beginning at a point in Bay 3 in the Ashe Substation Site in the N.E. 1/4 S.W. 1/4 of Section 32,  
36 Township 12 North, Range 28 East, Willamette Meridian, at a survey Station 97+84.0, said point  
37 being N. 25° 56' 16" E., 1716.1 feet from a 2-inch brass disc on the south line of Section 32, said  
38 disc being set by WPPSS survey of August 11, 1971. Thence S. 31° 24' 10" E., 553.5 feet to  
39 station 92+30.5; thence S. 1° 50' 00" E., 1029.6 feet to a point on the south line of Section 32,  
40 said point being N. 87° 46' 12" E., 1072.1 feet from said brass disc.

41 ASHE-SS-AR-1. A portion of Lot 3 S.1/2 N.W. 1/4, and N.W. 1/4 S.W. 1/4 of Section 5, the E. 1/2 S.E.  
42 1/4 and S.W. 1/4 S.E. 1/4 of Section 6, the N.W. 1/4 N.E. 1/4 and E. 1/2 N.W. 1/4 of Section 7,  
43 Township 11 North, Range 28 East, Willamette Meridian, Benton County. Washington.

## Hanford Facility Permit Legal Description &amp; Operating Boundary

1 HANFORD SUBSTATION SITE. Lot 1 of Block 8, Lots 13 and 14 of Block 9, and Lot 8 of Block 10 of  
2 Hanford, according to the recorded plat thereof, and that part of Thirteenth Street lying between  
3 the northeasterly line of Tract A of Hanford, according to the recorded plat thereof and the  
4 Columbia River, and that part of Dunham Street lying southeasterly of a line connecting the  
5 northwesterly lines of Lot 8 of Block 10 and Lot 13 of Block 9 of Hanford, according to the  
6 recorded plat thereof, all in Section 25, Township 13 North, Range 27 East, Willamette Meridian  
7 Benton County, Washington, containing 2.7 acres, more or less. Subject to easement to Pacific  
8 Power & Light Company for power line and access purposes.

9 BENTON SWITCH SUBSTATION. A parcel of land in the N.W. 1/4 of Section 11, Township 11 North,  
10 Range 28 East, Willamette Meridian, Benton County, Washington, described with reference to  
11 the Washington Coordinate System - South Zone, as follows:

12 Beginning at the northwest corner of said parcel, being S. 54° 50' E., 1804.0 feet more or less from the  
13 northwest corner of said Section 11; thence N. 49° 13' 45" E., 550.0 feet to the northeast corner,  
14 evidenced by a brass cap; thence S. 40° 46' 15" E., 500.0 feet to the southeast corner, evidenced  
15 by a brass cap; thence S. 49° 13' 45" W., 550.0 feet to the southwest corner, evidenced by a brass  
16 cap; thence N. 40° 46' 15" W., 500.0 feet to the point of beginning. The described parcel contains  
17 6.31 acres, of which 2.75 acres lie within the boundaries of the existing Benton Switching  
18 Station.

19 WHITE BLUFFS SUBSTATION. A parcel of land in Government Lots 3 and 4 and the E. 1/2 S.W. 1/4  
20 of Section 7, Township 10 North, Range 28 East, Willamette Meridian, Benton County,  
21 Washington, more particularly described as follows:

22 Commencing at a BPA monument in said Government Lot 4 at the intersection of the east-west and  
23 north-south base lines for the White Bluffs Substation Site, said monument being N. 36° 45' 35"  
24 E., 1623.7 feet from the southwest corner of Section 7. This corner is evidenced by a rock  
25 mound. Thence N. 72° 55' 20" W., on the east-west base line, a distance of 500 feet to the true  
26 point of beginning. Thence N. 17° 04' 40" E., 400 feet; thence S. 72° 55' 20" E., 900 feet; thence  
27 S. 17° 04' 40" W., 1060 feet, more or less, to a point 40 feet north of the centerline of Horn  
28 Rapids Road; thence N. 72° 55' 20" W., 900 feet., thence N. 17° 04' 40" E., 660 feet, more or less,  
29 to the true point of beginning, containing 21.90 acres, more or less.

30 For purposes of application of Part IV Corrective Action of the Hanford Facility Permit only, the Hanford  
31 Facility also includes PARCELS C, D, E, F, and G of the lands identified as Excepted from the  
32 ABOVE-DESCRIBED LAND, in the foregoing legal description.

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